

attached, the first enable output terminal and a first enable input terminal of the main body memory are connected by a first connecting member. When the memory cartridge is attached to the main body, a connection release member of the memory cartridge acts on the first connecting member, whereby a connected state between the first enable output terminal and the first enable input terminal is released. Meanwhile, a second enable output terminal and the first enable input terminal are connected by a second connecting member of the memory cartridge. The first enable signal is inputted to the second enable input terminal of the memory cartridge.

In a further preferred example, the main body memory is stored with an identifier to identify the main body, and the memory cartridge is stored with a plurality of programs corresponding to different main bodies. At this time, the first start program includes a program to judge the identifier stored in the main body memory.

According to the present invention, since the first start program is mapped to the address space in the first manner when no memory cartridge is attached, and the first start program of the main body memory and the second start program of the memory cartridge are mapped to the address space in the second manner when the memory cartridge is attached, it is possible to restrain the capacity of the cartridge memory, and it is possible to start or activate different programs depending on whether the cartridge is attached or not.

In another aspect, the present invention is a memory cartridge detachably attached to a main body having a first enable output terminal for outputting a first enable signal, a second enable output terminal for outputting a second enable signal, and a first connecting member for connecting the first enable output terminal and a first enable input terminal of a main body memory stored with a first start program, comprising: a cartridge memory which is stored with a second start program; a connection release member which

releases a connected state between the first enable output terminal and the first enable input terminal by acting on the first connecting member upon being attached to the main body, a second connecting member which connects the second enable output terminal and the first enable input terminal upon being attached to the main body, and a second enable input terminal which inputs the first enable signal upon being attached to the main body.

In this aspect, the first enable signal is outputted from the first enable output terminal of the main body, and the second enable signal is outputted from the second enable output terminal. The first enable input terminal of the main body memory stored with the first start program is connected with the first enable output terminal by the first connecting member. When the memory cartridge having the cartridge memory stored with the second start program is attached to the main body, the connection release member acts on the first connecting member, and therefore, the connected state between the first enable output terminal and the first enable input terminal is released. Meanwhile, the second enable output terminal and the first enable input terminal are connected by the second connecting member. The first enable signal outputted from the first enable output terminal is inputted to the second enable input terminal of the memory cartridge.

In other words, when the memory cartridge is not attached, the first enable signal is applied to the main body memory. When the memory cartridge is attached, the first enable signal is applied to the memory cartridge, and the second enable signal is applied to the main body memory. The first start program and second start program stored in the main body memory and the cartridge memory respectively are read out in response to the applied enable signals.

Accordingly, since the first enable signal is applied to the main body memory when the memory cartridge is not attached, and the first enable signal and the second enable signal are respectively applied to the memory cartridge and the main body

memory when the memory cartridge is attached, it is possible to restrain the capacity of the cartridge memory and it is possible to activate different programs depending on whether the cartridge is attached or not.

In another aspect, the present invention is a memory cartridge detachably attached
5 to a main body having an identifier, and stored with a program to allow the main body execute, the program comprising: a plurality of first programs corresponding to the different identifiers; and a second program which selectively enables the plurality of first programs by identifying the identifier which the main body has.

In this aspect, the main body has the identifier, and the memory cartridge'
10 attachable to or detachable from the main body stores programs to allow the main body to execute. The program stored in the memory cartridge includes the plurality of the first programs corresponding to different identifiers and the second program to selectively validate the plurality of the first programs by identifying identifier of the main body. Accordingly, depending on a device to which the memory cartridge is attached, a
15 different first program is started.

Accordingly, since a different first program is started depending on the main body to which the memory cartridge is attached, it is possible to use the memory cartridge in a various kinds of devices.

The above-described objects and other objects, features, aspects and advantages of
20 the present invention will become more apparent from the following detailed description of the present invention when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is an appearance view showing one example of a karaoke device with
25 built-in microphone;